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(71) Applicant: ZENTOX CORPORATION (US/US); 2140 N.E. 36th Avenue, Ocala, FL 34470 (US).			
(72) Inventors: BERMAN, Elliot; One Adams Street, No. 307, Quincy, MA 02169 (US). GRAYFER, Anatoly; Nine Kerr Path, Newton, MA 02159 (US).		Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.	
(74) Agents: GREEN, Robert, A. et al.; Darby & Darby, P.C., 32nd floor, 707 Wilshire Boulevard, Los Angeles, CA 90017 (US).			

(54) Title: FIBROUS MATTE SUPPORT AND METHOD FOR THE PHOTOPROMOTED CATALYZED DEGRADATION OF COMPOUNDS IN A FLUID STREAM

(57) Abstract

A fibrous matte web is used to support a semiconductor catalyst for use in the photopromoted catalyzed degradation of compounds in a fluid stream. The catalyst, which may be a transition metal oxide, is affixed to at least one side of the matte web, and preferably the downstream side thereof. In one embodiment, the matte web is comprised of a plurality of fibers of glass or other suitable material permitting fluid to pass therethrough, and the side or sides containing the catalyst are directly illuminated by a suitable light source.

